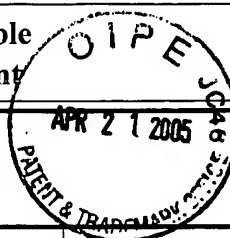


**Terminal Disclaimer To Obviate A Double
Patenting Rejection Over A Prior Patent**

Docket No.
RM375u

In Re Application Of: Sheppard et al.



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/612,573	07/01/2003	KIM, Ted	23996	1621	4294

Invention: Integrated Fischer-Tropsch and Power Production Plant with Low CO2 Emissions

Owner of Record: RENTECH, Inc.

04/21/2005 HVUONG1 00000011 10612573

01 FC:1814

130.00 OP

COMMISSIONER FOR PATENTS:

The above-identified owner of record of a 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of prior Patent No. 6,632,846. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors and/or assigns.

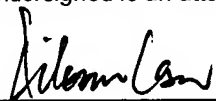
In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney of record.



Signature

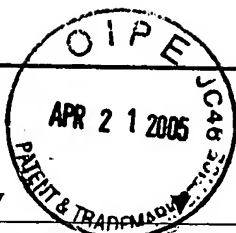
Dated:

4/19/2005

Aileen Law

Typed or Printed Name

- ☒ Terminal disclaimer fee under 37 C.F.R. 1.20(d) included.
☒ PTO suggested wording for terminal disclaimer was unchanged.
☐ Certification under 37 C.F.R. 3.73(b) is required if terminal disclaimer is signed by the assignee.



RECORDATION FORM COVER SHEET

Docket No.: LM208E

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

MITCHELL TECHNOLOGY INVESTMENTS
11601 Wilshire Boulevard
Suite 2400
Los Angeles, CA 90025

Additional names(s) of conveying party(ies)

☐ Yes ☐ No

2. Name and address of receiving party(ies):

Name: **RENTECH, INC.**

Address: **1331 17th Street**

Suite 720

City: **Denver** State/Prov.: **CO**

Country: **USA** ZIP: **80202**

Additional name(s) & address(es)

☐ Yes ☐ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other **Termination and Release of Security Interest**

Execution Date: **March 8, 2005**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

**SEE ATTACHED
SCHEDULE 1.1**

Additional numbers

☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **AILEEN LAW**

Registration No. **51,923**

Address: **Patent Law Offices of Rick Martin, P.C.**

416 Coffman Street

City: **Longmont** State/Prov.: **CO**

Country: **USA** ZIP: **80501**

6. Total number of applications and patents involved:

24

7. Total fee (37 CFR 3.41):.....\$ **960.00**

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0617

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Aileen Law

Name of Person Signing

Signature

3/21/2005

Date

8

Total number of pages including cover sheet, attachments, and

TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS, Rentech, Inc., a Colorado corporation ("Rentech") entered into a Security Agreement, dated September 17, 2004 ("Security Agreement"), and the Related Agreements as defined in the Securities Purchase Agreement of even date (collectively, the "Documents"), in favor of Mitchell Technology Investments ("Mitchell");

WHEREAS, pursuant to the Documents, Rentech assigned and granted to Mitchell, among other things, a security interest in all of the intellectual properties and rights of Rentech, of whatever nature, now existing or thereafter created or acquired, together with all good will associated therewith, including, but not limited to, all right, title and interest of Rentech in, to and under all domestic and foreign letters patent and all reissues, divisions, continuations, continuations-in-part and extensions or renewals thereof; trademarks; copyrights; licenses; all other proprietary rights and confidential information; techniques, processes, proprietary information, technology, know-how, formulae and other general intangibles of like nature, now existing or hereafter created or acquired, now or hereafter owned, adopted, acquired or used by Rentech; as more specifically described in the Security Agreement dated September 17, 2004 between Rentech and Mitchell, and in the Security Agreement dated September 17, 2000 between Rentech's wholly-owned subsidiary, Rentech Services Corporation and Mitchell (collectively, "Intellectual Property Rights");

WHEREAS, on March 8, 2005, Rentech paid to Mitchell all amounts owed under the Documents;

WHEREAS, Mitchell wishes to release its security interest in Rentech's Intellectual Property Rights;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. Mitchell hereby terminates, releases, discharges, and relinquishes any and all security interests it acquired by virtue of the Documents, including the Security Agreement dated September 17, 2004 between Rentech and Mitchell, and the Security Agreement dated September 17, 2004 between Rentech Services Corporation and Mitchell, and further agrees that both Security Agreements are hereby terminated in accordance with their terms. Subject to the foregoing, Mitchell hereby agrees that any right, title or interest of Mitchell in the Intellectual Property Rights and in any other intellectual property of whatever nature of Rentech, and its subsidiary, Rentech Services Corporation, shall hereby cease and become void.

2. In the event that any rights, title or interest in the intellectual property of Rentech, Rentech Services Corporation or any other subsidiaries of Rentech, specifically including OKON, Inc., REN Corporation, and Petroleum Mud Logging, Inc. were conveyed to Mitchell by virtue of either Security Agreement or any other of the Documents, and/or the recordation thereof, Mitchell hereby assigns to Rentech any and all rights, title and interest it has in and to such intellectual property.

3. This Release shall be binding upon and inure to the benefit of the parties and their respective successors and assigns.

4. This Release shall be governed by, and construed in accordance with, the laws of the State of Colorado without regard to the principals of conflicts of law of such state.

IN WITNESS WHEREOF, Mitchell has caused this Termination and Release of Security Interest in Intellectual Property to be duly executed by its officer thereunto duly authorized as of March 8, 2005.

Mitchell Technology Investments, a
California general partnership

By: Mitchell Equity Investments, a
California general partnership,
managing general partner

By: 

Name: Jonathan E. Mitchell
Title: General Partner

ACKNOWLEDGED AND AGREED:

Rentech, Inc., a Colorado Corporation

By: 

Name: Dennis L. Yakobson
Title: President and Chief Executive Officer

By: 

Name: Ronald C. Butz
Title: Secretary

SCHEDULE 1.1

Rentech, Inc.

Patent and Patent Applications

RTK #	Patent #	Application #	Country	Full Title	Inventor(s)	Date Filed	Publication Date	Date Issued	Patent Expiration (Based on Filing Date)	Country References
JWB 0675	5,324,335	867,456	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	4/13/92		6/28/94	6/28/2011	
JWB 1073	5,500,449	470,497	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	4/06/95		3/19/96	4/06/2015	
JWB 0972	5,504,118	212,735	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	3/14/94		4/02/96	3/14/2014	
JWB 1070	5,506,272	470,495	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	6/06/95		4/09/96	6/06/2015	
CWF 1072	5,543,437	470,496	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	6/06/95		8/06/96	6/06/2015	
JWB 1071	5,620,670	470,498	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	6/06/95		4/15/97	6/06/2015	

RTK #	Patent #	Application #	Country	Full Title	Inventor(s)	Date Filed	Publication Date	Date Issued	Patent Expiration (Based on Filing Date)	Country References
JWB 1036	5,621,155	428,793	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	4/24/95		4/15/97	4/24/2015	
JWB 0945	5,645,613	307,014	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	9/16/94		7/08/97	6/28/2011	
JWB 2009	5,763,716	834,837	US	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	4/10/97		6/09/98	4/10/2017	
CWF 3112	6,068,760	09/130,457	US	Catalyst/Wax Separation Device For Slurry Fischer-Tropsch Reactor	Charles B. Benham Dennis L. Yakobson	8/07/98		5/30/2000	8/07/2018	Rentec/P01A AU Rentec/P01A CA
RM 375	6,306,917 B1	09/376,709	US	Process for the Production of Hydrocarbons, Power, and Carbon Dioxide from Carbon-Containing Materials	Mark S. Bohn Charles B. Benham	8/17/99		10/23/2001	8/17/2019	
RM 375c	6,380,268 B1	09/560,248	US	Plasma Reforming/Fischer-Tropsch Synthesis	Dennis L. Yakobson John S. Vavruska Edward Bohn Andreas Blutke	4/27/2000		4/30/2002	4/27/2020	
CWF 5035	6,534,552 B2	09/870,466	US	Producing Liquid Hydrocarbons from Natural Gas	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	6/01/2001	3/14/2002	3/18/2003	6/01/2021	

RTK #	Patent #	Application #	Country	Full Title	Inventor(s)	Date Filed	Publication Date	Date Issued	Patent Expiration (Based on Filing Date)	Country References
RM 375j	6,627,666 B1	09/924,262	US	Fischer-Tropsch Synthesis Using Industrial Off Gas Feedstreams	Peter S. Pedersen	8/08/2001		9/30/2003	8/08/2021	
RM 375k	6,632,846 B2	09/963,349	US	Integrated Urea Manufacturing Plants and Processes	Richard O. Sheppard Dennis L. Yakobson	9/25/2001	5/9/2002	10/14/2003	9/25/2021	RM375m
CWF 5032	6,712,982 B2	10/417,107	US	Method of Removing Catalyst Particles from Wax	Mark S. Bohn James E. Siebarth	4/17/2003	11/06/2003	3/30/2004	4/17/2023	
CWF 5290	6,730,221 B2	09/871,148	US	Dynamic Settler	Mark S. Bohn James E. Siebarth	5/29/2001	12/05/2002	5/04/2004	5/29/2021	CWF5153
JWB 1849	6,974,488	602,888/94	Australia	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	1/28/1994		1/21/1999	1/28/2014	
Rentec P01AA U	720266	56061/98	Australia	Catalyst/Wax Separation Device for Slurry Fischer-Tropsch Reactor	Charles B. Benham Dennis L. Yakobson	12/15/1997		9/07/2000	12/15/2017	CWF3112
Rentec P01AC A		2,274,579	Canada	Catalyst/Wax Separation Device for Slurry Fischer-Tropsch Reactor	Mark S. Bohn Charles B. Benham Dennis L. Yakobson	12/15/1997			12/15/2017	CWF3112
CWF 1281	188,868	271/DEL/94	India	Process for the Production of Hydrocarbons	Charles B. Benham Mark S. Bohn Dennis L. Yakobson	3/08/1994		1/21/2004	3/08/2014	
RM 375m PCT/US 01/3001 7			Australia Brazil Canada China India Indonesia	Integrated Urea Manufacturing Plants and Processes	Richard O. Sheppard Dennis L. Yakobson	09/25/2001	4/03/2003		9/25/2021	375k

RTK #	Patent #	Application #	Country	Full Title	Inventor(s)	Date Filed	Publicat on Date	Date Issued	Patent Expiration (Based on Filing Date)	Country References
RM 375n		09/963,253	US	Process for the Production of Hydrocarbons, Power, and Carbon Dioxide from Carbon-Containing Materials	Mark S. Bohn Charles B. Benham	09/25/2001	8/29/2002		9/25/2021	
CWF 5153		PCT/US02/1 1881	Australia Canada China India Indonesia	Dynamic Settler	Mark S. Bohn James E. Siebarth	05/09/2002 Priority Date: 5/29/2001			5/29/2021	US6,632,846 B2
RM 375p		10/043,874	US	Plasma Reforming/Fischer- Tropsch Synthesis	Dennis L. Yakobson	01/09/2002	10/24/200 2		01/09/2022	
RM 375s		10/213,896	US	Production of Hydrogen and Higher Hydrocarbons from Feedstocks Low in Hydrogen	Dennis L. Yakobson	08/07/2002	2/12/2004		08/07/2022	RM375x
RM 375t		10/681,823	US	Fischer-Tropsch Slurry Reactor Cooling Tube Arrangement	Mark S. Bohn William H. Hawthorne Mark D. Ibsen Peter S. Pedersen	10/08/2003			10/08/2023	
RM 375u		10/612,573	US	Integrated FT and Electric Power Generation Plant with Low CO2 Emissions	Richard O. Sheppard Dennis L. Yakobson	07/01/2003			07/01/2023	
RM 375w		10/728,109	US	Method and Apparatus for Regenerating an Iron- Based Fischer-Tropsch Catalyst	Belma Demirel Mark S. Bohn Charles B. Benham James E. Siebarth Mark D. Ibsen	12/04/2003			12/04/2023	

RTK #	Patent #	Application #	Country	Full Title	Inventor(s)	Date Filed	Publication Date	Date Issued	Patent Expiration (Based on Filing Date)	Country References
RM 375x		PCT/US03/24866		Production of Hydrogen and Higher Hydrocarbons from Feedstocks Low in Hydrogen	Dennis L. Yakobson	08/07/2003			08/07/2023	RM375s
RM 375y		60/526,515	US	Process for the Production of Ammonia and Fischer-Tropsch Liquids	Peter S. Pedersen Dennis L. Yakobson	12/03/2003			12/03/2023	